

# The American Economic Review

VOLUME IX

## BOARD OF EDITORS

G. E. BARNETT  
A. E. CANCE

F. A. FETTER  
L. H. HANEY

W. E. HOTCHKISS  
H. E. MILLS

## MANAGING EDITOR

DAVIS R. DEWEY

ITHACA, N. Y.  
AMERICAN ECONOMIC ASSOCIATION  
1919

Copyright 1919  
AMERICAN ECONOMIC ASSOCIATION

## CONTENTS

### ARTICLES:

	PAGE	
Agriculture in Early Latinum.....	TENNEY FRANK.....	267
Farm Loan System, The Federal.....	GEORGE E. PUTNAM.....	57
Garment-Making Industries, New York.....	HARRY BEST.....	776
Income, Are Stock Dividends—?.....	EDWIN R. A. SELIGMAN.....	517
Income, Statistics of .....	DAVID FRIDAY.....	502
Income Tax as Applied to Dividends.....	CARL C. PLEHN.....	771
Insurance, State, An Adventure in.....	A. J. PILLSBURY.....	681
Labor Turnover .....	GEORGE J. EBERLE.....	79
Minimum Wage Laws, American, at Work.....	DOROTHY W. DOUGLAS.....	701
Money, the Unit of, Proposal to Stabilize.....	G. H. KNIBBS.....	244
Rejoinder .....	IRVING FISHER.....	256
Monopoly Control, Theories and Tests of.....	C. J. FOREMAN.....	482
Organization, Distribution, and Wages.....	HERBERT FEIS.....	468
Patents, Suppression and Non-Working of.....	FLOYD L. VAUGHAN.....	693
Piece Rate, Protection of.....	CHARLES W. MIXTER.....	455
Price Fixing in a Competitive Industry.....	LEWIS H. HANEY.....	47
Railroad Reorganization, Contemporary.....	ARTHUR S. DEWING.....	1
, The Purposes Achieved by.....	ARTHUR S. DEWING.....	277
Revenue Act of 1918, The.....	R. G. and G. C. BLAKEY.....	213
Value, An American Standard of.....	D. J. TINNES.....	263
War, The Cost of the, and How It Was Met.....	EDWIN R. A. SELIGMAN.....	739
War-Tax Paradox, The .....	H. J. DAVENPORT.....	34

### COMMUNICATIONS:

Definitions, Experimental .....	D. J. TINNES.....	311
---------------------------------	-------------------	-----

### ARTICLES IN PROCEEDINGS (MARCH, 1919):

	PAGE	
	(in Supplement)	
Agricultural Ladder, The.....	W. J. SPILLMAN.....	170
Capital, The War and the Supply of.....	DAVID FRIDAY.....	79
Colonial Policy, The "Open Door" and.....	WILLIAM S. CULBERTSON.....	325
Cost of Living, Compiling an Index of.....	ROYAL MEEKER.....	108
Costs, Manufacturing, Interest on Investment.....	CLINTON H. SCOVELL.....	21
Dollar, Stabilizing the.....	IRVING FISHER.....	156
Economists in Public Service.....	IRVING FISHER.....	5
Exchange, Foreign, Observations on.....	ROBERT L. OWEN.....	154
Food Act, Provisions of.....	W. F. GEPHART.....	61
Gold, Liberating, After-War Readjustment.....	A. C. MILLER.....	137
History, The Psychological Basis for the		
Economic Interpretation of .....	WILLIAM F. OGBURN.....	291
Interest, The War and the Rate of.....	E. W. KEMMERER.....	96
Land Tenure and Public Policy.....	WILLIAM KENT.....	213
Mark, the German, The Future of.....	J. E. ROVENSKY.....	148
Marketing Methods and Costs, Effect of Gov-		
ernment Control on .....	B. H. HIBBARD.....	47
Peace, Economic Factors in Maintenance.....	C. VAN VOLLENHOVEN.....	347
Price Fixing, Some Purposes of.....	G. F. WARREN.....	233
, in Time of Peace.....	T. N. CARVER.....	246
, Food Administration .....	LEWIS C. GRAY.....	252
Tenancy in an Ideal System of Landed Prop-		
erty .....	R. T. ELY and C. J. GALPIN.....	180
Theory, Economic, The Institutional Ap-		
proach to .....	WALTON H. HAMILTON.....	309
, in Social Readjustment.....	J. M. CLARK.....	280
Wage, A Legal Dismissal.....	EDWARD A. ROSS.....	132
Workman, Securing the Initiative of.....	ROBERT B. WOLF.....	120

### REVIEWS OF BOOKS:

ADAMS, American Railway Accounting. By M. J. Shugrue.....	571
, Description of Industry. By H. E. Mills.....	87
ALLIX, Tariff Relations of Australian Colonies. By T. H. BOGGS.....	132

	PAGE
<b>BARCOCK</b> , The Taylor System in Franklin Management. By E. H. Schell	109
<b>BARNES</b> , A History of the Penal, Reformatory and Correctional Institutions of the State of New Jersey. By D. R. Taft.....	137
<b>BATTEN</b> , The New World Order. By G. S. Watkins.....	607
<b>BEABLE</b> , Commercial Russia. By H. R. Tosdal.....	560
<b>BENJAMIN</b> , The Larger Liberalism. By J. G. Brooks.....	88
<b>BENX</b> , The Trade of Tomorrow. By H. R. Tosdal.....	349
<b>BENNION</b> , Citizenship. By H. E. Mills.....	89
<b>BISHOP</b> , A Chronicle of One Hundred and Fifty Years: the Chamber of Commerce of New York. By E. L. Bogart.....	96
<b>BISHOP</b> and <b>KELLER</b> , Industry and Trade. By H. A. Wooster.....	548
<b>BLOOMFIELD</b> , D. Articles on Employment Management. By P. M. A....	842
<b>BLOOMFIELD</b> , M., Management and Men. P. M. Atkins.....	841
<b>BOND</b> , The Quit-Rent System in the American Colonies. By A. C. Ford	801
<b>BOWLEY</b> , The Division of the Product of Industry. By W. I. King....	617
<b>BOYCE</b> , Economic and Social History of Chowan County, North Carolina, 1880-1915. By J. G. deR. Hamilton.....	93
<b>BRISSENDEN</b> , The I. W. W. Study of American Syndicalism. By S. Blum	839
<b>BURRITT</b> , <b>DENNISON</b> , <b>GAY</b> , <b>HEILMAN</b> , and <b>KENDALL</b> , Profit Sharing. By H. C. Metcalf .....	115
<b>CAHN</b> , Capital Today. By E. W. Goodhue.....	124
<b>CALHOUN</b> , A Social History of the American Family. By A. C. Ford..	321
<b>CANNAN</b> , Money. By W. A. Scott.....	127
<b>CARLISLE</b> , Causes of Dependency Based on a Survey of Oneida County, By G. B. Mangold.....	868
<b>CARVER</b> , Principles of Political Economy. By C. E. Persons.....	796
<b>CASSENHOLZ</b> , Auditing Procedure. By M. J. S.....	578
<b>CLAY</b> , Economics. By H. A. Wooster.....	537
<b>CLEVELAND</b> and <b>SHAFER</b> , Democracy in Reconstruction. By G. S. Watkins	802
<b>COLE</b> , Introduction to Trade Unionism; Payment of Wages. By D. A. McCabe .....	589
COMMONS and others, History of Labor in U. S. By G. E. Barnett....	589
Credits and Collections. By G. W. Dowrie.....	352
CROSS, Collective Bargaining in the Brewery, Metal, Teaming and Building Trades of San Francisco. By F. T. Stockton.....	119
<b>CULBERTSON</b> , Commercial Policy in War Time and After. By A. L. Bishop .....	820
<b>CUMMING</b> , Negro Population, 1790-1915. By E. A. Goldenweiser.....	136
<b>DAISH</b> , Atlantic Port Differentials. By C. O. Ruggles.....	102
<b>DOUGLAS</b> , Merchandising. By H. R. Tosdal.....	381
<b>EGGLESTON</b> , Problems in Cost Accounting. By C. H. Scovell.....	337
<b>FARNHAM</b> , Scientific Industrial Efficiency. By E. H. Schell.....	109
<b>FITZPATRICK</b> , Budget Making in a Democracy. By F. B. Garver.....	357
<b>FRIEDMAN</b> , Labor and Reconstruction in Europe. By G. S. Watkins..	804
<b>FURST</b> and <b>KANDEL</b> , Pensions for Public School Teachers. By H. J. Harris .....	143
<b>GALLOWAY</b> , Office Management. By M. J. S.....	574
<b>GARVIN</b> , The Economic Foundations of Peace. By H. R. Tosdal.....	552
<b>GERSTENBERG</b> , Principles of Business. By H. A. Wooster.....	333
<b>GILBRETH</b> , The Psychology of Management. By E. H. S.....	899
<b>GLASSON</b> , Federal Military Pensions in U. S. By J. W. Oliver.....	864
<b>GOWIN</b> , Developing Executive Ability. By E. H. S.....	829
<b>GRUNSKY</b> , Public Utility Rate Fixing. By J. Bauer.....	568
<b>HALE</b> , Valuation and Rate-Making. By A. M. Sakolski.....	108
<b>HARRIS</b> , G. The Redemption of the Disabled. By G. B. Mangold.....	608
<b>HARRIS</b> , F. S. The Sugar-Beet in America. By R. G. Blakey.....	328
<b>HAUSER</b> , Germany's Commercial Grip on the World. By H. R. Tosdal	106
HENDERSON and SHEPPARD, Graduation of Mortality and Other Tables. By H. L. Rietz.....	861
<b>HIBBARD</b> , Effects of the Great War upon Agriculture in the United States and Great Britain. By E. G. Nourse.....	807
<b>HOBSON</b> , J. A., Democracy after the War. By H. G. Moulton.....	91
—, The Evolution of Modern Capitalism. By H. E. Mills.....	98

	PAGE
HOBSON, S. G., <i>Guild Principles in War and Peace</i> . By A. B. Wolfe....	836
HOLLANDER, <i>War Borrowing</i> . O. M. W. Sprague.....	346
HOURS of Work as Related to Output and Health of Workers; Wool Manufacturing. By R. E. Chaddock.....	342
HUANG, <i>The Land Tax in China</i> . By A. P. Winston.....	346
HUNTER, <i>Infant Mortality</i> . By H. H. Hibbs, Jr.....	362
HUNTINGTON, <i>World-Power and Evolution</i> . By S. Litman.....	799
JOHNSON, <i>Ocean Rates and Terminal Charges</i> . By H. R. T.....	818
KELLOGG and GLEASON, <i>British Labor and the War</i> . By P. H. Douglas	592
KELLY, <i>Hiring the Worker</i> . By E. H. Schell.....	109
KEMMERER, <i>A B C of Federal Reserve System</i> . By G. W. Dowrie.....	130
KENT, <i>Bookkeeping and Cost Accounting for Factories</i> . By M. J. S.....	113
KESTER, <i>Accounting: Theory and Practice</i> . By C. H. Scovell.....	830
KING, <i>Industry and Humanity</i> . By G. M. Janes.....	582
KNIBBS, <i>Mathematical Theory of Population</i> . By H. Secrist.....	379
KOLLEK, <i>The Theory of Environment</i> . By J. G. Brooks.....	85
KOREN, <i>The History of Statistics</i> . By W. F. Willcox.....	148
LAUGHLIN, <i>Credit of the Nations</i> . By O. M. W. Sprague.....	126
—, <i>Money and Prices</i> . By H. L. Reed.....	848
LEE, <i>The Human Machine and Industrial Efficiency</i> . By G. M. Janes..	348
LEITCH, <i>Man-to-Man. Story of Industrial Democracy</i> . By A. B. Wolfe	844
LEHFELDT, <i>Gold, Prices, and the Witwatersrand</i> . By E. W. Kemmerer.	597
LEVERHULME, <i>The Six Hour Day</i> . By N. I. Stone.....	584
LINCOLN, <i>Municipal Electric Lighting in Massachusetts</i> . By C. L. King	370
LINK, <i>Employment Psychology</i> . By C. L. Stone.....	827
LIPPINCOTT, <i>Problems of Reconstruction</i> . By G. S. Watkins.....	553
Living Wage (Adult Males), 1918. By M. B. Hammond.....	833
Loans and Discounts. By G. W. Dowrie.....	353
MACELWE, <i>Ports and Terminal Facilities</i> . By C. O. Ruggles.....	102
MACKAYE, <i>Americanized Socialism</i> . By G. L. Arner.....	147
MACKENZIE, <i>Outlines of Social Philosophy</i> . By J. H. Tufts.....	542
MCVEY, <i>Financial History of Great Britain, 1914-18</i> . By F. B. Garver	360
MAROT, <i>Creative Impulse in Industry</i> . By J. R. Commons.....	312
MARSHALL, <i>Readings in Industrial Society</i> . By L. H. Haney.....	319
MOIR, <i>Characteristics of the Principal Mortality Tables</i> . By H. L. Rietz	861
MONTGOMERY, <i>Income Tax Procedure, 1919</i> . By C. C. Plehn.....	354
—, <i>Supplement to Income Tax Procedure, 1919</i> . By C. C. P....	604
MOORE, J. T. M., <i>American Business in World Markets</i> . By H. R. Tosdal	825
MOORE, W. V., <i>The Law of Commercial Paper</i> . By P. W. Viesselman...	597
MORAWETZ, <i>The Railway Problem</i> . By P. G. Otterback.....	816
MORMAN, <i>Place of Agriculture in Reconstruction</i> . By B. H. Hibbard..	810
MOUNTS, <i>Dependents, Defectives and Delinquents in Iowa</i> . By G. B. Mangold .....	870
NICHOLSON and ROHRBACH, <i>Cost Accounting</i> . By S. E. Howard.....	363
NORTHCOTT, <i>Australian Social Development</i> . By M. B. Hammond.....	833
ODENCRANTZ, <i>Italian Women in Industry</i> . By L. Eaves.....	593
O'HARA, <i>Introduction to Economics</i> . By H. E. Mills.....	90
OVERLACH, <i>Foreign Financial Control in China</i> . By C. Hodges.....	543
OWEN, <i>The Federal Reserve Act</i> . By H. L. Reed.....	850
—, <i>Foreign Exchange</i> . By H. L. Reed.....	851
PARADISE, <i>Maternity Care and the Welfare of Young Children in a Homesteading County in Montana</i> . By G. B. Mangold.....	610
PATON and STEVENSON, <i>Principles of Accounting</i> . By S. E. Howard..	563
Poverty in Baltimore. By G. B. Mangold.....	614
RECKITT and BECHHOFER, <i>National Guilds</i> . By D. A. McCabe.....	587
Report of Special Committee on Government Ownership and Operation of Public Utilities. By E. E. Lincoln.....	339
Review of Economic Statistics. By W. C. Mitchell.....	872
ROBERTSON, <i>The Economics of Progress</i> . By L. H. Haney.....	83
RUGG, <i>Statistical Methods Applied to Education</i> . By W. F. Ogburn..	150
RUGGLES, <i>Terminal Charges at United States Ports</i> . By H. R. T.....	817
RUSSELL, <i>Proposed Roads to Freedom</i> . By J. G. Brooks.....	616
SAVAY, <i>Principles of Foreign Trade</i> . By H. R. Tosdal.....	823

	PAGE
SCHELLE, L'Economie Politique et les Economistes. By L. H. Haney..	316
SLINGERLAND, Child-placing in Families. By G. B. Mangold.....	369
, Child Welfare in Oregon. By G. B. Mangold.....	611
SMELSER, Unemployment and American Trade Unions. By W. M. Leiserson .....	579
SOWARD and WILLAN, Taxation of Capital. By R. S. Tucker.....	852
STOCKETT, Arbitral Determination of Railway Wages. By M. B. Hammond .....	576
STODDARD, The Shop Committee. By E. H. Schell.....	845
STULL, The Food Crisis and Americanism. By E. G. Nourse.....	325
SWIFT, Child Welfare in North Carolina. By G. B. Mangold.....	364
SYDENSTRICKER, WHEELER, and GOLDBERGER, Disability Sickness among the Population of Seven Cotton Mill Villages of South Carolina in Relation to Family Income. By W. I. King.....	375
TEAD, Instincts in Industry. By J. R. Commons.....	312
, The People's Part in Peace. By G. I. Arner.....	365
THOMAS, Principles of Government Purchasing. By E. H. Schell.....	831
THOMPSON, Elementary Economics. By H. A. Wooster.....	793
TODD, Municipal Ownership. By E. E. Lincoln.....	372
TOTOMIANZ, Armenia Economica. By R. F. Foerster.....	793
VAN DOREN, Workmen's Compensation and Insurance. By W. C. Fisher	141
VEDDER, American Methods in Foreign Trade. By E. E. Pratt.....	331
Wages and Conditions of Employment in Agriculture. By B. H. Hibbard	814
WANG, Legislative Regulation of Railway Finance in England. By W. T. Jackman .....	818
WARNER, American Charities. By G. B. M.....	369
WEBB, The Works Manager Today. By E. H. Schell.....	110
WEST, Introduction to Mathematical Statistics. By J. McMahon.....	377
WHIPPLE, Vital Statistics. By W. F. Willcox.....	876
WILLOUGHBY, The Problem of a National Budget; Movement for Budgetary Reform in the States. By F. B. Garver.....	595
WINES, Punishment and Reformation. By G. B. Mangold.....	611
WOEHLKE, Union Labor in Peace and War. By I. B. Cross.....	350
WOLFE, Works Committee. By C. W. Doten.....	594
WOOD, The Great Change. By L. P. Arner.....	99
WOOLF, Coöperation and the Future of Industry. By J. G. Brooks....	374
YOUNG, Finances of the Federal District of Mexico. By C. C. Plehn... .	605

#### TITLES OF NEW BOOKS:

Accounting, Investments, and the Exchanges.....	112, 336, 571, 839
Agriculture, Mining, Forestry, and Fisheries.....	100, 327, 556, 812
Capital and Capitalistic Organizations.....	339, ... , 832
Economic History and Geography.....	96, 321, 550, 801
General Works, Theory and Its History.....	87, 318, 541, 796
Insurance and Pensions.....	143, 367, 614, 866
Labor and Labor Organization.....	119, 349, 591, 841
Manufacturing Industries .....	101, 329, 558, 815
Money, Prices, Credit, and Banking.....	129, 352, 596, 849
Pauperism, Charities, and Relief Measures.....	146, 368, 614, 870
Population and Migration.....	136, 362, 606, 857
Public Finance, Taxation, and Tariff.....	134, 357, 603, 854
Socialism and Coöperative Enterprises.....	146, 372, 615, 878
Social Problems and Reforms.....	137, 363, 607, 857
Statistics and Its Methods.....	152, 383, 620, 878
Trade, Commerce, and Commercial Crises.....	106, 331, 562, 825
Transportation and Communication.....	105, 330, 559, 815

#### DOCUMENTS, REPORTS, AND LEGISLATION:

Bank of North Dakota, The.....	GEORGE M. JANES.....	629
Budget Commission of Inquiry, Michigan.....	F. B. GARVER.....	638
Budget System, The Philippine.....	MAXIMO M. KALAW.....	639

	PAGE
Corporations .....	163, 392, 625, 890
Demography .....	641
Exchange, The Equation of for 1918.....	IRVING FISHER 407
Food, Supply, British.....	A. M. SAKOLSKI 157
Industrial Conference, The National.....	C. S. DUNCAN 893
Industries and Commerce.....	157, 384, 622, 880
Insurance and Pensions.....	411, 641
Interstate Commerce Commission, Report of. C. O. RUGGLES.....	163
Investments in Latin America.....	HARRY R. TOSDAL 175
Labor .....	165, 402, 626, 893
Labor Turnover, The Computation of.....	H. G. HAYES 903
, Methods of Computing.....	PAUL H. DOUGLAS 402
Meat-Packing Industry, Report on the.....	ELIOT JONES 880
Money, Prices, Credit, and Banking.....	167, 407, 629, 906
Oil and Gas Industry, Manual for the.....	EARL A. SALIERS 886
Price Comparisons, International.....	AVARD L. BISHOP 906
Prices During the War.....	PAUL W. GARRETT 167
and Incomes in Germany during the War.....	630
Public Finance .....	176, 410, 632, 908
Reciprocity and Commercial Treaties.....	AVARD L. BISHOP 622
Reconstruction Problems in Foreign Countries .....	HENRY J. HARRIS 154
Railroads, Report of Director General of.....	JULIUS H. PARMELEE 398
Railway Problem, Proposals for Solution.....	JULIUS H. PARMELEE 392
Salmon Industry, The Canned.....	PAUL D. CONVERSE 384
Trusts, Report of the Committee on, of the British Ministry .....	ELIOT JONES 890
Wheat Board, The Canadian.....	AVARD L. BISHOP 885

#### PERIODICAL ABSTRACTS:

Accounting. By Martin J. Shugrue.....	189, 420, 652, 918
Agricultural Economics. By A. J. Dadisman.....	181, 414, 645, 912
Commerce. By H. R. Tosdal.....	186, 415, 650, 917
Economic History, Foreign.....	180, 413, 644, 911
, United States. By E. L. Bogart.....	179, 412, 644, 909
Insurance and Pensions. By Henry J. Harris.....	197, 431, 665, 930
Investments and Securities. By Arthur S. Dewing.....	421
Labor and Labor Organizations. By George E. Barnett.....	190, 421, 656, 923
Money, Credit and Banking. By Chester A. Phillips.....	192, 423, 658, 926
Pauperism, Charities. By George B. Mangold.....	199, 667, 932
Population and Migration. By A. B. Wolfe.....	428, 664
Public Finance. By Charles P. Huse.....	194, 425, 661, 928
Public Utilities. By Charles S. Morgan.....	653, 919
Railways and Transportation. By Julius H. Parmelee.....	182, 415, 647, 914
Statistics .....	200, 432, 667, 933
Theory. By A. N. Young.....	412, 643, 909

#### SIXTEENTH LIST OF DOCTORAL DISSERTATIONS IN POLITICAL ECONOMY .....

NOTES .....

201, 445, 669, 934

#### CONTRIBUTORS

Leading articles are marked (a); communications (c); papers read at the annual meeting, published in the Supplement separately paged, are marked (s); document notes (d); periodical abstracts (p); and all others are reviews.

Arner, G. L., 87, 90, 147, 365.	Best, H., 776 (a).
Arner, L. P., 99.	Bishop, A. L., 622 (d), 820, 885 (d),
Atkins, P. M., 841, 842.	906 (d).
Barnett, G. E., 190 (p), 340, 421 (p),	Blakey, G. C., 213 (a).
656 (p), 923 (p).	Blakey, R. G., 213 (a), 328, 389 (d).
Bauer, J., 568.	Blum, S., 839.

Bogart, E. L., 96, 179 (p), 412 (p), 644 (p), 909 (p).  
 Boggs, T. H., 132.  
 Brooks, J. G., 85, 88, 374, 616.  
 Carver, T. N., 246 (s).  
 Chaddock, R. E., 842.  
 Clark, J. M., 280 (s).  
 Commons, J. R., 312.  
 Converse, P. D., 384 (d).  
 Cross, I. B., 330.  
 Culbertson, W. S., 325 (s).  
 Dadisman, A. J., 181 (p), 414 (p), 645 (p), 912 (p).  
 Davenport, H. J., 34 (a).  
 Dewing, A. S., 1 (a), 277 (a), 421 (p).  
 Doten, C. W., 594.  
 Douglas, D. W., 701 (a).  
 Douglas, P. H., 402 (d), 592.  
 Dowrie, G. W., 130, 352, 353.  
 Duncan, C. S., 893 (d).  
 Eaves, L., 593.  
 Eberle, G. J., 79 (a).  
 Ely, R. T., 180 (s).  
 Feis, H., 468 (a).  
 Fisher, I., 5 (s), 156 (s), 256 (a), 407 (d).  
 Fisher, W. C., 141.  
 Foerster, R. F., 798.  
 Foreman, C. J., 482 (a).  
 Ford, A. C., 321, 801.  
 Frank, T., 267 (a).  
 Friday, D., 79 (s), 502 (a).  
 Galpin, C. J., 180 (s).  
 Garrett, P. W., 167 (d).  
 Garver, F. B., 357, 360, 598, 638 (d).  
 Gephart, W. F., 61 (s).  
 Goldenweiser, E. A., 136.  
 Goodhue, E. W., 124.  
 Gray, L. C., 252 (s).  
 Hamilton, J. G. deR., 93.  
 Hamilton, W. H., 309 (s).  
 Hammond, M. B., 576, 833.  
 Haney, L. H., 47 (a), 83, 316, 319.  
 Harris, H. J., 143, 154 (d), 197 (p), 431 (p), 665 (p), 930 (p).  
 Hayes, H. G., 587, 903 (d).  
 Hibbard, B. H., 47 (s), 810, 814.  
 Hibbs, H. H., 362.  
 Hodges, C., 543.  
 Howard, S. E., 563, 572.  
 Huse, C. P., 194 (p), 425 (p), 661 (p), 928 (p).  
 Jackman, W. T., 818.  
 Janes, G. M., 348, 582, 629 (d).  
 Jones, E., 880 (d), 890 (d).  
 Kalaw, M. M., 632 (d).  
 Kemmerer, E. W., 96 (s), 597.  
 Kent, W., 213 (s).  
 King, C. L., 870.  
 King, W. L., 375, 617.  
 Knibbs, G. H., 244 (a).  
 Leiserson, W. M., 579.  
 Lincoln, E. E., 339, 372.  
 Litman, S., 799.  
 McCabe, D. A., 589.  
 McMahon, J., 377.

Mangold, G. B., 199 (p), 364, 369, 608, 610, 611, 614, 667 (p), 868, 870, 932 (p).  
 Meeker, R., 108 (s).  
 Metcalf, H. C., 115.  
 Miller, A. C., 137 (s).  
 Mills, H. E., 87, 89, 90, 98.  
 Mitchell, W. C., 872.  
 Mixter, C. W., 455 (a).  
 Morgan, C. S., 653 (P), 910 (p).  
 Moulton, H. G., 91.  
 Nourse, E. G., 325, 807.  
 Ogburn, W. F., 291 (s), 150.  
 Oliver, J. W., 864.  
 Otterback, P. G., 816.  
 Owen, R. L., 154 (s).  
 Parmelee, J. H., 182 (p), 392 (d), 398 (d), 415 (p), 647 (p), 815, 914 (p).  
 Persons, C. E., 796.  
 Phillips, C. A., 192 (p), 423 (p), 658 (p), 926 (p).  
 Pillsbury, A. J., 681 (a).  
 Plehn, C. C., 354, 604, 605, 771 (a).  
 Pratt, E. E., 331.  
 Putnam, G. E., 57 (a).  
 Reed, H. L., 848, 850, 851.  
 Rietz, H. L., 861.  
 Ross, E. A., 132 (s).  
 Rovensky, J. E., 148 (s).  
 Ruggles, C. O., 102, 163 (d).  
 Sakolski, A. M., 108, 157 (d).  
 Salliers, E. A., 886 (d).  
 Schell, E. H., 109, 829, 831, 845.  
 Scott, W. A., 127.  
 Scovell, C. H., 91 (s), 337, 830.  
 Sechrist, H., 379.  
 Selligman, E. R. A., 517 (a), 789 (a).  
 Shugrue, M. J., 113, 189 (p), 420 (p), 562, 571, 573, 574, 575, 652 (p), 918 (p).  
 Spillman, W. J., 170 (s).  
 Sprague, O. M. W., 126, 846.  
 Stockton, F. T., 119.  
 Stone, C. L., 827.  
 Stone, N. I., 584.  
 Taft, D. R., 137.  
 Tinnes, D. J., 263 (a), 311 (c).  
 Tosdal, H. R., 106, 175 (d), 186 (p), 331, 349, 418 (p), 552, 560, 650 (p), 816, 817, 823, 825, 917 (p).  
 Tucker, R. S., 852.  
 Tufts, J. H., 542.  
 Vaughan, F. L., 693 (a).  
 Viesselman, P. W., 597.  
 van Vollenhoven, C., 347 (s).  
 Warren, G. F., 283 (s).  
 Watkins, G. S., 553, 607, 802, 804.  
 Willcox, W. F., 148, 876.  
 Winston, A. P., 359.  
 Wolf, R. B., 120 (s).  
 Wolfe, A. B., 428 (p), 610, 664 (p), 836, 844.  
 Wooster, H. A., 833, 537, 548, 793.  
 Young, A. N., 412 (p), 643 (p), 908 (p).

